1555 1454 4016

s/081/61/000/014/018/030 B117/B203

18 92 00

Mal'tsev, V. F., Sych, V. Ya.

AUTHORS:

Electrolytic method of separating the  $\alpha$ -phase from  $1 \times 18 + 9 \times 18 = 100$ TITLE:

(1Kh18N9T) steel

Referativnyy zhurnal. Khimiya, no. 14, 1961, 381, abstract PERIODICAL:

14 K167. (Tr. Ukr. n.-i. trubn. in-ta, no. 2, 1959, 228-234)

To study the chemical composition of the &-phase and its relationship with the metal properties, the authors investigated the electrochemical behavior of 1 x 18 H9T (1Kh18N9T) steel during anodic dissolution in various electrolytes. They plotted "potential-D" curves for 1Kh18N9T steel in a 3 % (NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub> solution acidified with H<sub>2</sub>SO<sub>4</sub> at small D, as well as in a 10 % C2H2O4 solution. For comparison, they plotted similar curves

for Fe, Ni, and ferrochromium. The beginning dissolution of iron in an  $(NH_4)_2S_2O_8$  solution lies in the potential range around 400 mV (with respect to the calomel electrode). After intensive dissolution, passivation

occurs at +1400 mv. Dissolution of ferrochromium begins at +950 mv, that Card 1/2

MAL'TSEV. V.F.; LUK'YANENKO, L.P.

Determination of silicon dioxide in electric welding fluxes by means of photometric colorimetry. Zav. lab. 24 no.5:537-538 '58. (MIRA 11:6)

1. Vesecyuznyy nauchno-iseledovatel'skiy trubnyy institut. (Silici —Analynis) (Colorimetry) (Flux (Metallurgy)—Analysis)

SOV/137-58-11-23079 Amount of Titanium in the Carbide Form (cont) and the grain size of the steel.  $V_{\rm s} = S_{\rm s}$ Card 2/2

SOV/137-58-11-23079

Translation from: Referativnyy zhurnal Metallurgiya, 1958, Nr 11, p 178 (USSR)

AUTHOR: Mal'tsev, V.F.

TITLE: Amount of Titanium in the Carbide Form, Grain Size and Inter-

crystalline Corrosion of IKhl8N9T Steel (Kolichestvo svyazannogo v karbidy titana, velichina zerna i mezhkristallitnaya korroziya

stali marki 1Kh18N9T)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubnyy in-t. 1958.

Nr 4-5, pp 177-182

ABSTRACT: It is established that with an increase of annealing temperature

of IKh18N9T grade steel >1000°C, followed by heating at 650° for two hours the amount of Ti carbide in steel decreases and the grain size increases. The main cause of the increased tendency towards intercrystalline corrosion observed in the steel is the decrease in the amount of Ti carbide and not the decrease in the perimeter of the grain borders. Experiments performed on specimens the grain size of which changed owing to the various degrees of cold forging

Card 1/2 and not as a result of annealing temperature indicated the lack of relationship between the amount of Ti present in the carbide form

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

137-58-3-6235

A Method for the Rapid Determination of Aluminum in Highly Alloyed Steels

transferred into a 200 cc flask. After placing 20 cc of the solution into a 50 cc flask, 12.5 cc of a buffer mixture [0.2 M NaCOOH and 0.2 M CH<sub>3</sub>OOH (1:1)] are added to the same flask, together with 1 cc of 0.1 percent solution of aluminone; the flask is heated to  $90^{\rm o}$  and, after quick cooling, is filled up to a mark with the buffer mixture; 10 minutes after the start of the heating, the solution, placed into 30-mm vessels, is subjected to colorimetric inspection under a green light filter. Water with 1 cc of  $\rm H_2SO_4$  (1:6) serves as a standard solution for the purpose of comparison.

К.К.

Card 2/2

137-58-3-6235

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 256 (USSR)

Mal'tsev, V.F. AUTHOR:

A Method for the Rapid Determination of Aluminum in Highly TITLE:

Alloyed Steels (Variant uskorennogo opredeleniya a)yuminiya v

vysokolegirovannykh stalyakh)

PERIODICAL: Byul. nauchno-tekhn. inform. Vses. n.-i. trubnyy in-t, 1957,

Nr 3, pp 108-110

A method is proposed for the determination of Al with the aid ABSTRACT:

of tropeolin (I) after preliminary separation of Fe on a Hg cathode. 0.1 g of steel are dissolved in  $H_2SO_4$  (1:6) and the solution is transferred into a 100 cc flask and then filtered through

a dry filter. 25 cc of the solution are then neutralized with  $\mathrm{NH_4OH}$ , acidified with 0.5 cc of  $\mathrm{H_2SO_4}$ , and subjected to electro-

lysis at a current density of 0.08 amp/cm<sup>2</sup> for a period of 30 minutes. The solution is transferred onto a filter while the electro-

lyzer is washed off three times without turning off the current. After two drops of 1 percent solution of I have been added to it, the filtrate is neutralized with  $\mathrm{NH_4OH}$  until the pink color of the

solution changes to an apricot tinge, at which time the solution is Card 1/2

137-58-5-11132

A Photocolorimetric Method (cont.)

of the solution to a predetermined mark. Two minutes after Mohr's salt is added, the solution is placed into a 20-cc vessel, where it is analyzed colorimetrically under a red light filter. In order to determine SiO2 in fluxes, 0.1 g of the material is fused in a Pt crucible with 4 g of K2CO3 and 2.5 g of borax for a period of 15-20 minutes at a temperature of 900-950°C. The melt is then leached with a mixture of 350 cc of water plus 10 cc of HNO3 and 50 cc of a saturated solution of H2C2O4. After transferring the solution into a 500-cc flask, 17 cc of 0.15-N H2SO4 and 5 cc of 5% ammonium molybdate are added; three minutes later 15 cc of 8-N H2SO4, 5 cc of CuSO4, and 20 cc of a 7% solution of thiourea are added; the solution is then placed into 10-cc flasks where it is analyzed colorimetrically under a red light filter. At an  $SiO_2$  content of 20-40%, the absolute error amounts to 0.5%. K, K

2. Steel--Analysis 3. Welding Cluxes--Analysis 1. Silicon--Determination

4. Colorimetry--Applications

Card 2/2

MALTSEW, WE

137-58-5-11132

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr S. p 318 (USSR)

Mal'tsev, V.F.. Luk'yanenko, L.P. AUTHORS:

TITLE:

A Photocolorimetric Method for Determination of Large Amounts of Silicon Contained in High -alloy Steels and in Fluxes Employed in Electric Welding (Fotokolorimetricheskiy metod opredeleniya bolishikh soderzhamy kremniya v vysokolegirovannykh stelyakh i flyusakh, primenyayemykh pri elektrosvarke)

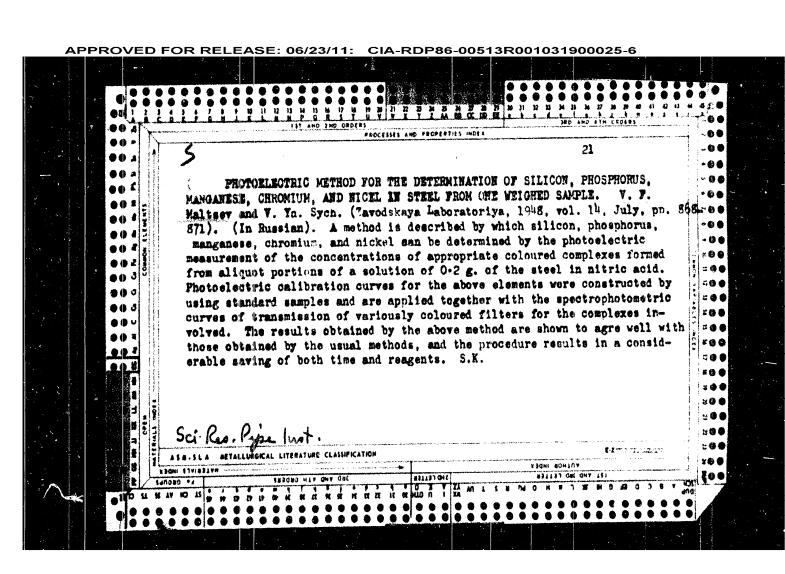
Tr. Nauchno-tekhn. o-va chernoy metallurgii, Ukr. resp. PERIODICAL: pravl., 1956, Vol 4, pp 111-114

ABSTRACT:

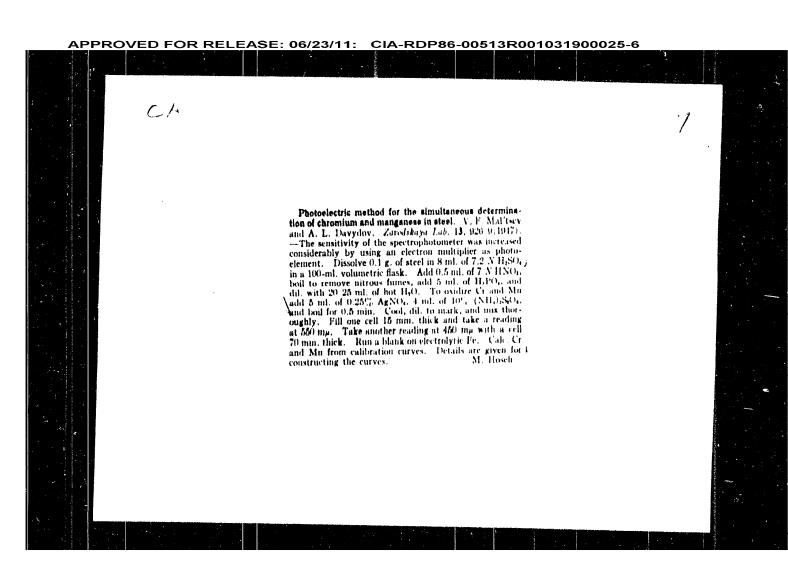
0.1 g of steel is dissolved in 10 cc of a mixture of HNO3 and HCl (1:1). The solutions is placed into a Pt dish together with 35 cc of a 10% NaOH solution; after heating the dish for three minutes and allowing it to cool, 15 cc of HNO3 are added and the entire solution is transferred into a 200-cc flask. I cc of the solution is placed into a 50-cc flask to which 20 cc of 0.125-N H2SO4 and 2.5 cc of 5% ammonium molybdate are added. After an interval of 3 minutes, 7.5 cc of 8-N H2SO4 are added followed, after a one-minute interval, by 10 cc of a 4% solution of Mohr's salt and a sufficient quantity of water to raise the level

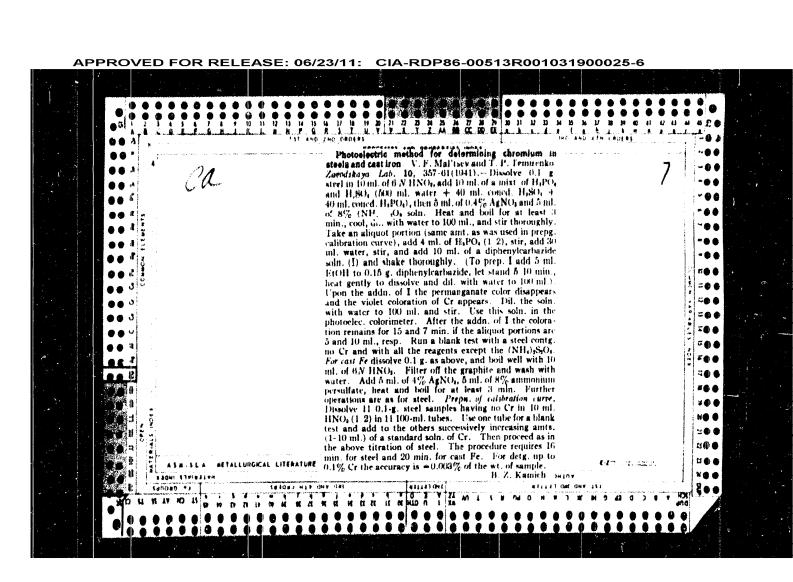
Card 1/2

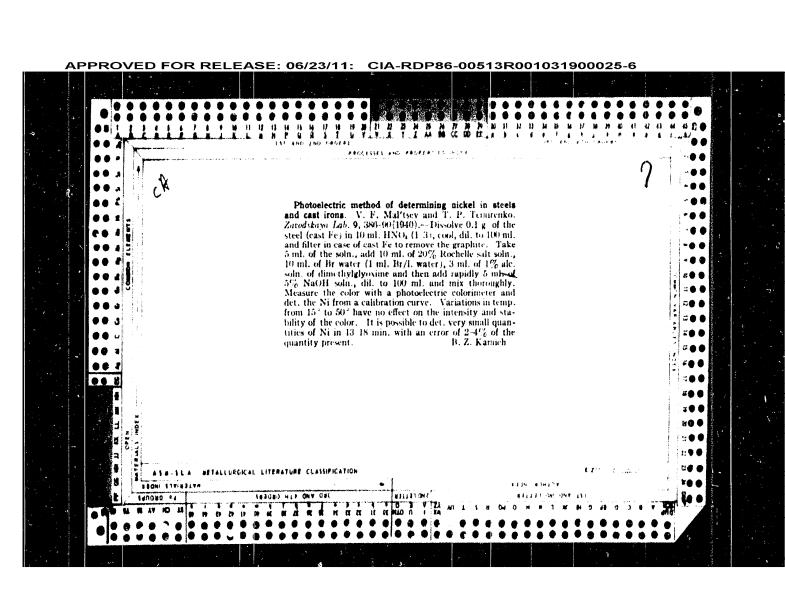
## CIA-RDP86-00513R001031900025-6 APPROVED FOR RELEASE: 06/23/11: PROCESSES AND PROPERTIES INCES Photoelectric determination of nitrogen in steel A. E. Mal'tsey, E. M. Gertsman, and T. P. Tennicako Zineles stewi Lab. 15, 288-94(1949). Two methods were developed. (1) Dissolve 0.2 g. of sample in 10 ml. of hot 2 N H<sub>8</sub>SO<sub>6</sub>, filter if necessary an alloy steel the ppt is ashed, fused with KHSO, and the agreet is olded to above) and free the solit of Fe by electrolysis with a Hig eathode and Pt anode. Cool a 25 ml aliquot to room temp,, add 2 ml, of 15%, KOH and 0.5 ml of Nessler retemps, add 2 ml. of 15% KOH and 0.5 ml of Nessler reagent, and measure the color. (2) Dil the soln, after electrolysis to a convenient vol. and take an adaptot. d Treat this with 4 ml. 0% aq. PhOH, followed by 1 ml. of NaClO soln. (made by freating 45 g. NaOH m. 450 ml. water with Clfrom 15.8 g. KMnO<sub>1</sub> and HCb, mix, place in a steam bath, and heat to 50% for 2 mm. Cool repelly, all to 50 and as a made so music neathermark and to soll repellify. **\*0** 0 ... dil. to 50 ml., and examine in colorimeter with a red litter The color development is best in 0.75 X II-SO, 40 O G. M. Kosolapoff U. ASBISEA METALLURUNCAL LITERATURE CLASSIFICATION tion of an en K 8 8 . 400

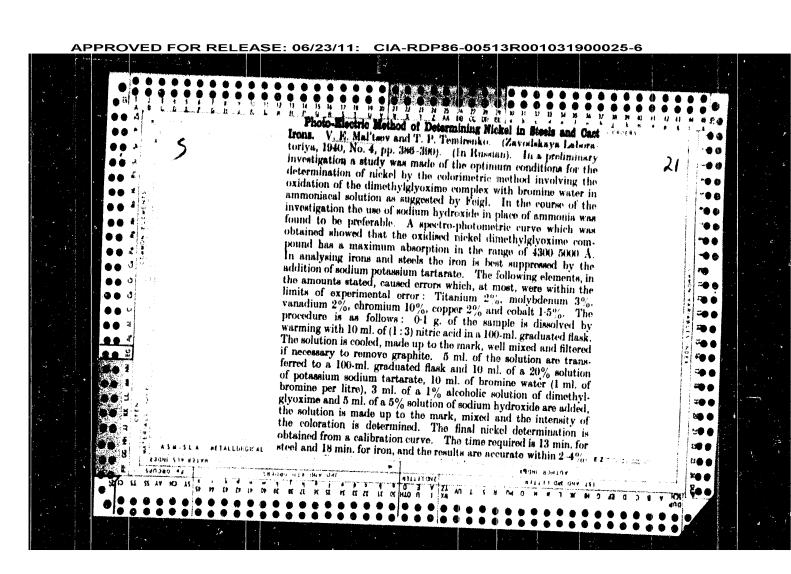


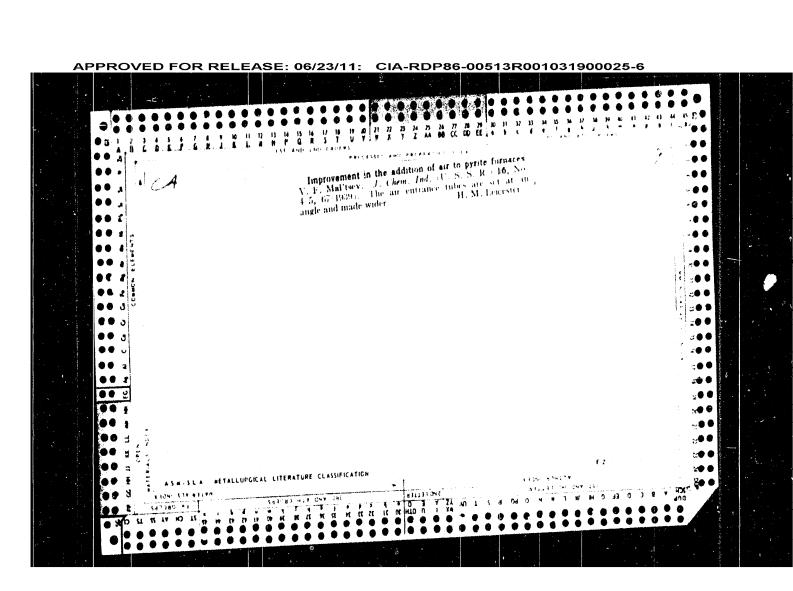
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6 \*Activated Lubricants for the Gold Drawing of Tubes. V. F. Matthey, F. M. Gertsman, and M. P. Zheldak (Stal, 1948, (2), 147-152; J. Iron Steel Inst. [Abs.], 1948, 159, 333).—[In Russian]. The use in cold drawing, of ordinary engine oils, the lubricating properties of which had been improved by addition of small amounts of acidol, which contains active groups, or parafin, was studied. From results of laboratory experiments, curves were plotted relating drawing tension and deformation for various lubricants. Full-scale tests were made at a plant for cold rolling locomotive boiler tubes; operating data with different lubricants are compared and discussed. The use of activated lubricants enabled the number of operations required to be halved. Sci- Res. Pipe Inst.











## APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6 Photoelectric method of determining molybdenum in steel. A. L. Davydov and V. F. Mal'tsev. Zavodskayn Lab. 8, 284-9(1839).—The method is based on the detrior the complex formed from Mo and KCNS in a photoelec. colorimeter. Dissolve 0.5 g. steel in 10 ml. mixt. (prepd. from 225 ml. H.8O. + 350 ml. HNO. + 750 ml. water), heat to expel oxides of Ns. and if carbides remain, add 1-2 ml. of 10% (NH.). No. 1 mixt. (prepd. from 450 ml. Hr. 100 ml. HCl + 1450 ml. water) and boil. After the persulfate is destroyed, cool, dil. to 100 ml. with water, and shake. Take 10 ml. of the soln., add 35 ml. of the Hr. SO. and HNO. mixt., 40-45 ml. distd. water, shake, add 3 ml. 80% KCNS soln., 5 ml. of 10% SOCI, in HCl, dil. to 100 ml. and shake. The soln. is tested in the colorimeter 15 min. after the addn. of the = ( 0 **₽● □ ● ●** SnCl<sub>1</sub> in HCl<sub>2</sub> dil. to 100 ml. and shake. The soin, is tested in the colorimeter 15 min, after the addn. of the SnCl<sub>3</sub>. The concn. of Mo is detd. from a calibration chart or from tables previously prepd. An excess of KCNS does not affect the intensity of coloration. The reaction is not affected by the temp. at conens. of 2-3 N acidity. The analysis requires 40-45 min, and max, error is 4%. B. Z. Kamich z 🛡 🕏 **≈ 0 0** ... :; • • E ! . METALLURGICAL LITERATURE CLASSIFICATION ET ET IL OL HTO U I NU

CIA-RDP86-00513R001031900025-6 MALITSEV, V.P., doktor tekhn. nauk, prof.; KOGAN-VOL'MAN, G.I., kand. tekhn. nauk, dotsent Second conference on controlled progressive and flexible. Second conference on controlled programmes. 45 no.1:83-85 connection transmissions. Vest. mashinostr. 45 no.1:83-85 (MIRA 18:3) Ja 165.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

GRISHAKOV, B.Ya.; ISHCENKO, V.Ya.; MAL'TSEV, V.F.

Kilning green brick in yards. Suggested by B.IA.Grishakov, V.IA.Ishchenko, V.F.Mal'tsev. Rats.i izobr.predl. v stroi. no.10;57-59 '59. (MIRA 12:11)

1. Po materialam zavoda "Krasnyy Aksay" Rostovskogo-na-Domu sovnarkhoza.

(Brickmaking)

CIA-RDP86-00513R001031900025-6 MAL'TSEV, V.F., inzhener. Device for calculating the straightening of railroad curves. Shor. trud.Akad.zhel.transp. no.3:136-140 '54. (MLRA 9:8) (Railroads--Curves and turnouts) MAL'ISEV, V.F. Improving working conditions. Mashinostroitel' no.2:37 F '62. (MIRA 15:2) (Factory sanitation)

MALTSEV, VIE MALTSEV, V.E. and ARZHANIZOV, K.S. "Acrodynamics," State publ.. 1952. (Defense Industry) SAMOYLOVA, A.N.; MAL'TSEV, V.A.; TATEVSKIY, V.M.; KURDYUMOVA, I.N.; KUZNETSOVA, L.A. Absorption spectrum originated by photolysis of boron chloride with ozone. Zhur, fiz. khim. 37 no. 4:909 Ap 163. (MIRA 17:7) 1. Moskovskiy gosudarstvennyy universitet.

EPF(c)/EWP(q)/EWT(m)/BDS s/076/63/037/004/022/029 L 16930-63 Samoylova, A. N., Mal'tsev, V. A., Tatevskiy, V. M., Kurdyumova, AUTHOR: I. N., Kuznetsova, L. A. Absorption spectrum due to photolysis of boron chloride with ozone TITLE: Zhurnal fizicheskoy khimii, V. 37, No. 4, 1963, 909 FERIODICAL: The authors studied the reaction of oxidation of boron bromide by exygen and of boron chloride by ozone. It is shown that in pulse photolysis of a mixture of boron trichloride with ozone it is possible to observe a band of 4,780 A, for which the carrier is apparently an intermediate compound in the process of the oxidation of BCl3 to BO2. There is 1 figure. The most important Englishlanguage reference reads as follows: Johns, Canad. J. Physics, 39, 1738, 1961. Moskovskiy gosudarstvennyy universitet (Moscow State University)

ASSOCIATION:

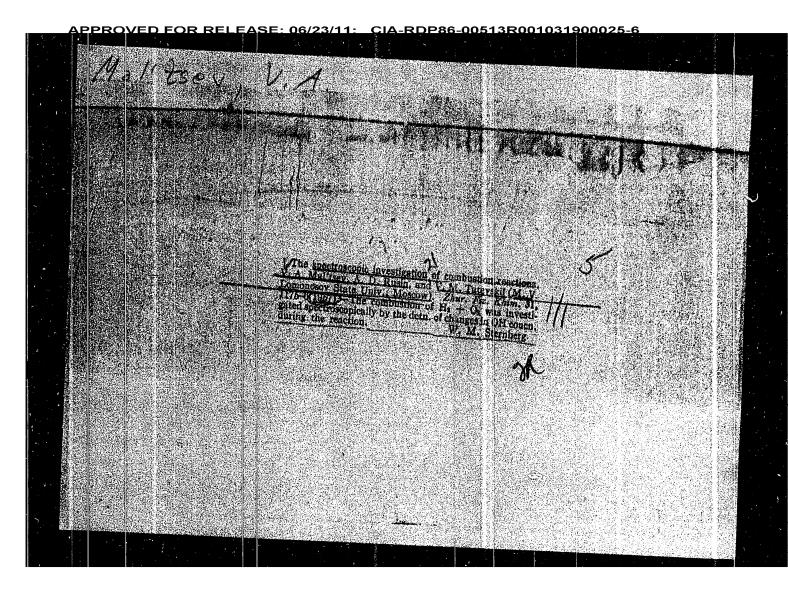
SUBMITTED:

Card 1/1

June 14, 1962

68121 sov/78-5-1-40/45 Heat of Formation of Uranium Tetrafluoride deviates from the value mentioned in reference 1. There are 10 references, 4 of which are Soviet. SUBMITTED: May 28, 1959 Card 2/2

68121 5.2200(A) SOV/78-5-1-40/45 Mal'tsev, V. A., Gagarinskiy, Yu. V., Popov, M. M. (Deceased) AUTHORS: Heat of Formation of Uranium Tetrafluoride TITLE: Zhurnal neorganicheskoy khimii, 1960, Vol 5, Nr 1, PERIODICAL: pp 228-229 (USSR) The authors present the seven partial reactions whose total ABSTRACT: heat of formation yields the heat of formation of UF1.2.5H20. Some intermediate values are quoted from publications.  $\Delta H_1$  (heat of solution of solid UCl 4 in aqueous HCl),  $\Delta H_2$  (heat of reaction of uranium-tetrafluoride precipitation by means of hydrofluoric acid), and  $\Delta H_{3}$  (heat of mixing HCl with HF) were determined. For the summational equation  $U_{sol} + 2F_{2gas} + 2.5H_2O = UF_4.2.5H_2O$ , they obtained a total value of  $\Delta H = -457.5 \pm 8.2$  kcal/mol, and for anhydrous UF<sub>A</sub>, a value of  $-449.3\pm4.1$  kcal/mol on the basis of the hydration heat determined in reference 10. It is noted that this value applies to the stable, monoclinic form of UF  $_{\it A}$  and, therefore, Card 1/2



MAL'TSEV, V., kand. tekhn. nauk Improve the dependability and extend the longevity of grane mechanisms. Rech. transp. 23 no.12:17-19 D '64. (MIHA 18:6) 1. Gor'kovskiy institut inzhenerov vodnogo transporta.

SAMOYLIKOV, K. (Noginsk Moskovskoy pbl.); FILATOV, K. (Borovichi Novgorodskoy obl.); MAL'TSEV, V. (Minsk); SAMODUROV, D. (Leningrad); BOYKOV, K. (Kuybyshev); SMITSKIY, V. (Leningrad) Our New Year interviews. Radio no.1:10-11 Ja '63. (MIRA 16:1) (Radio) PPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

MALTSEV, V.; BARASHENKOV, V.

On the magnitude of strange particle production cross section in nucleon-nucleon collisions at cosmotron energy. In English. p.397.

ACTA PHYSICA POLONICA. Warszawa, Poland. Vol. 17, no. 6, 1958.

Monthly List of Fast European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

MAL'TSEV, U.N.

ARZHANIKOV, N.S.

(Aerodynamics; textbook) Moskva, Gos. Izd-vo obor. promyshl., 1952. 480 p. (54-38808)

QA930,A7

1. Aerodynamics. I. Mal'tsv. V.N., jt. au.

ROSSIN, L.S.; MAL'TSEV, T.Ye. Painting chambers with bottom suction. Avt. prom. no.8:34-37 Ag 158. (MIRA 11:10) 1. Mytishchinskiy mashinostroitel'nyy zavod. (Painting, Industrial -- Equipment and supplies)

MAL'TSEV, T.S., pochetnyy akademik, polevod

For the introduction of new and advanced practices. Zemledelie 26 no.5:7.9 My '64. (MTRA 17:6)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina i Kolkhoz "Zavety Lenina", Shadrinskogo rayona, Kurganskoy oblasti.

MALITSEV, T.S., delegat XXXI sryezda; Kommunisticheskoy partii Sovetskogo Soyuza What does the yield depend on. IUn. nat. no.11:4-5 N '61. (MIRA 14:11) (fillage)

MALITSEV, T.S., Geroy Sotsialisticheskogo Truda, pochetnyy akademik New possibilities for increasing the production of forage in the (MIRA 12:4) trans-Ural region. Zemledelie 7 no.3:8-9 Mr 159. 1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk. (Siberia, Western-Fallowing)

MAL TSEV, T.S., Garoy Sotsialisticheskogo Trada New method of tillage and its effectiveness. Zemledelie 6 (MIRA 11:11) no.11:21-24 N 58. (Tillage)

USSR/Soil Science - Cultivation, Melioration, Erosion.

J-5

Abs Jour

: Ref Zhur - Biol., No 9, 1958, 39040

perennial grass crops and without utilization of fertili-

zers is confirmed.

The work took place simultaneously at the shadrin and

Kurgan experimental stations in 1953-1955.

Card 3/3

USSR/Soil Science - Cultivation, Melioration, Erosion. Abs Jour : Ref Zhur - Biol., No 9, 1958, 39040 J-5 years. The yield of summer wheat from a deep fallow is higher by I-2 c, than it would be from the usual type. Shallow plowing after a deep fallow without moldboard is accompanied by compression of the soil and a lesser accumilation of moisture. i deep plowing without a moldboard and the consequent superficial soil mellowing intensify the decomposition of the basic stocks of humus and do not contribute to its accumulation. The opinion of T.S. Mal'tsev, that annual Grass in accordance with the system of soil cultivation proposed by him, can recreate the soil structure, accumulate hums and thus increase the fertility of the soil, is not confirmed. On the other side, T.S. Mal'tsev's opinion as to possibility of obtaining high yields of annual crops by way of effective utilization of potential soil-fertility without Card 2/3 - 25 ...

J-5 USSR/Soil Science - Cultivation, Mclioration. Erosion. : Ref Zhur - Biol., No 9, 1958, 39040 Abs Jour Mol'tsey, T.S. Author : Some Results of the Study of the Method of Soil Cultiva-Inst tion According to Mal'toev. (In the Bureau of the Depart-Title ment of Biological Sciences). Vestn. AN USSR, 1957, No 6, 98-100 Orig Pub : Here are the general results of the study by the complex brigade of the Academy of Sciences, USSR, of the method Abstract of soil cultivation, according to T.S. Mal'tsev. The structure of the upper soil layers in the process of deep cultivation of the fallow up to a depth of 21 cm without a moldboard is destroyed more thoroughly than it is in the case of moldboard plowing on a usual fallow. With the deep mellowing of the soil the activity of microorganisms increases; this activity keeps on for the next Card 1/3

MALTSEV, T.

"New Method of Soil and Crop Cultivation," a booklet to be published in English and Korean by the Foreign Languages Publishing House.

The author, cultivator of the Zavety Lenina collective farm and director of the Shadrinsk experimental station in the Kurgan region, relates the results of the agrotechnical experiments he made for many years.

Moscow News - 30 June 1956

RDP86-00513R001031900025-6 MALITSEV, T.S., laureat Stalinskoy premii. My meeting with I.V. Michurin. Nauka i zhizn' 22 no.10:7-8 0 '55. 1. Polevod kolkhoza "Zavety Lenina", Shadrinskogo rayona, Kurganskoy pblasti, director Shadrinskoy opytnoy stantsii. (Michurin, Ivan Vladimirovich)

PROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6 MALITSEV Terentiv Semenovich, laureat Stalinskoy premii; GLEBOV, S., redaktor; BELYAKOV, M., tekhnicheskiy redaktor [Through experience to knowledge] Cherez opyt - v nauku. Izd. 2-oe, ispr. i dop. Kurgan, izd-vo "Krasnyi Kurgan, " 1955. 471 p. (MIRA 9:9) (Agriculture)

Mal'tsev, T. S.

N/5 720 .142

Voprosy zemledeliya; sbornik statey l vystupleniy. Agricultural problems; collection of articles and reports.

Moskva, Sel'khozgiz, 1955.

430 p. Illus.

## CIA-RDP86-00513R001031900025-6 MALTSEY, T.S. 221° Methods of Treating Soil and Sowing That Contribute to High and Stable Agricultural Yields () metodakh tribute to High and Stable Agricultural Yields () metodakh tribute to High and Stable Agricultural Yields () metodakh tribute to High and Solvent tribute () to High a stoichivykh urozhaev set kokhozialstvernykh kultur. (Russian.) T. S. Maltsov. Doklady Vseschuznol Ordena Lenina Akademii Schambershelbennykh Nauk, Imeni V. I. Lenina v. 19, no. 6, 1954, p. 3-24. Reports results of several years work in the steppe and forestricppe region beyond the Urals. Effects of deep and stallow plowing and of annual and peremutal grasses on various soils. Tables,

MAL'TSEV. TERENTII SEMENOVICH.

New system of tillage and sowing, Kurgan, "Krasnyi kurgan", 1954. 59 p. map (Peredovoi opyt v sel'skom khoziaistve)

DS

1. Tillage. 2. Sowing.

MAL'ISEV, T. S.

Mal'rsev, T. S. O Metodakh obrabotki pochvy i poseva, sposobstuuyu-shchikh polucheniya vysokikh i ustoychivykh urozhayev sel'skokhozyay-stuennykh kul'tur. (Doklad na Vsesoyuz. soveshchanii rabornikov nauki i praktiki sel'skogo khozyastua v kolkhoze "Zavery Lenina". Shchodrin. rayona kurgan obl. 7 aug. 1954 g. Sokr. stenogramma). Riga, Largosizdat, 1954. 24s 20sm. 2.000 ekz. 30k. - Per. stat'i l'zgaz. "Sel'skoye khozyastuo" or 8 aug. 1954 g. Na Latysh. yaz. (54-46752) 631+631.51

SO: Knizhnaya Letopis, Vol 1, 1955

MALITSWY, T. S.

468. Meikotoryve itovi kabor okadninskov (sel'skokkovavastuennom) opytovy stansii pri kounhoze (zavetr " frumve, kinviscosivdat. 1974. 27. 1982. 10.000 ekz. 27k. per.stati 12 zhurn. do tizhenina sauki i sepalanda o yta u sellikom koosvanstatav No 8 za 1950-y na. kidiz -(50-54369)

SO: Knizhanaya, Letodis, Vol. 1, 1956

MAL'TJEV, T. S.;

HALTTORY, T. S.;

Agriculture - Experimentation

"Experimentation leads to science." T. S. Nal'tsev. Reviewed by A. Polyakov. Sov. agron. 10, No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UHCLADARTIC.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

8TR MAR'TSEV, F.S.

4816: Wase for Continuous Improvement of Soil Permitte, the Rosson: T. S. Mallow, Agedodogia, Jan Feb. 1951, p. 139-145

Decrease corp notation and the application of tertificies in order to obtain continuously mercastic yields of carous cripts.

## MAL'TSEV, T.S. USSR (600) Science Through experience - to knowledge. Kurgan, "Krasnyi Kurgan", 1951 Monthly List of Russian Accession, Library of Congress, February, 1953. Unclassified.

17(13)

307/177-58-11-50/50

AUTHOR:

Mal'tsev, T.P., Colonel of the Medical Corps

TITLE:

Manual on Military-Medical Examinations of Neuro-Psychic Diseases (Posobiye po voyenno-vrachebnoy eksper-

tize nervno-psikhicheskikh zabolevaniy)

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 11, p 94 -

96 (UBSR)

ABSTRACT:

This article is a review on the book by N.N. Timofeyev, entitled "Manual on Military Medical Examinations of Neuro-Psychic Diseases". The book is based on the author's great experience as a clinician and military specialist in psychiatry. It is recommended to specialists who work in military medical commissions as well as to young psychiatrists.

Card 1/1

MAL'TSEV. T.P., polkovnik med. sluzhby Review of V.A. Smirnov's book "Nocturnal enuresis.". Yoen. med. zhur. no.3:92-93 Mr '58. (MIRA 12:7)
(URINE--INCONTINENCE) (SMIRNOV, V.A.) MAL TSEV, T.P., polkovnik med.slumby Practical problems in military disability examinations. Voen .med.zhur. no.11:11-15 N'56 (MI (RUSSIA-ARMED FORCES-MEDICAL EXAMINATIONS) (MIRA 12:1) MALITSEV T.P. polkovnik med.sluzhby, VASILIYEV, P.N., polkovnik med. sluzhby. Role of physical examinations in miliatary medicine. Voen.-med.zhur. (MIRA 12:1) no.12: 3-6 D 155 (RUSSIA-ARMED FORCES-MEDICAL EXAMINATIONS)

CHEMOTY, But Converges indicates and accompany assertion of the Converges and the Converges and the Converges and the Converges as a converge and the Converges and the Conver Think perioders of adjoining an exact of any anel of an office of the original appropriate the adjoining the contract of the contract of the adjoining the contract of the contrac

MAL'TSEV, Semen Vasil'yevich; SMIRNOV, S.A., red.; VOLCHOK, K.M., tekhn. red.

[Running-in of internal combustion engines using sulfurated oil] Obkatka dvigatelei vnutrennego sgoraniia na osernennom masle. Leningrad, Izd-vo "Rechnoi transport," 1962. 141 p. (MIRA 16:6)

(Internal combustion engines--Lubrication)

MALITSEV, S.V., Cand Tech ci -- (diss) "Study of problems of working in the parts of ship internal combustion engines after being overflauled with sulphured oil." Len, 19-, 2h pp with illustrations (Min of River Fleet RSFSR. Len Inst of Water Transport) 150 copies (EL, 28-59, 127)

MAL'TSEV, S.V., inzh. Using sulfured oil in lubricating friction joints of marine engines. Rech. transp. 17 no.12:27-29 D '58. (MIX (Marine engines) (Lubrication and lubricants) (MIRA 12:1)

MACTSEY 5 V

USSR / Diseases in Animals. Diseases Caused by Protozoa R

Abs Jour: Ref Zhur-Biologiya, No 16, 1958, 74223

Author : Mal'tsev, S. V.

Inst : All-Union Insitute of Experimental Veterinary

Medicine

Title : Materials for the Study of Theileriasis in Cattle

(Vector Theileria sergenti, Jak. et Dekh).

Orig Pub: Tr. Vses. in-ta eksperia. veterinarii, 1957, 21,

93-111

Abstract: No abstract

Card 1/1

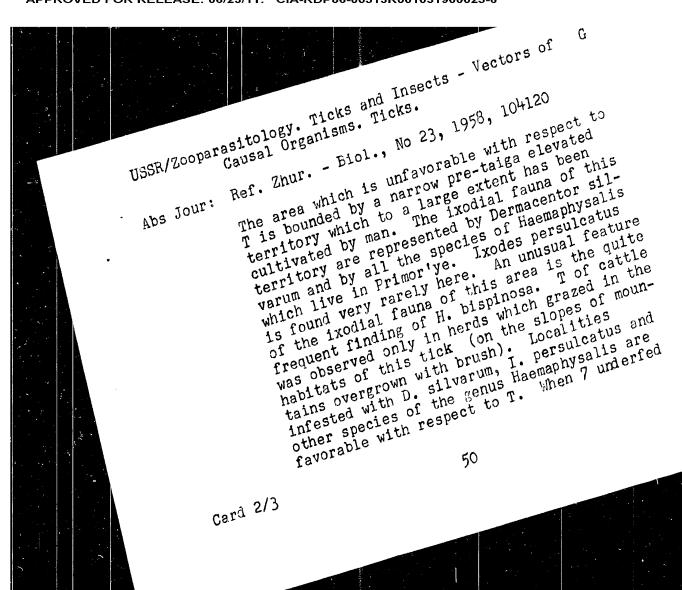
USSR/Zooparasitology. Ticks and Insects - Vectors of G Causal Organisms. Ticks.

Abs Jour: Ref. Zhur. - Biol., No 23, 1958, 104120

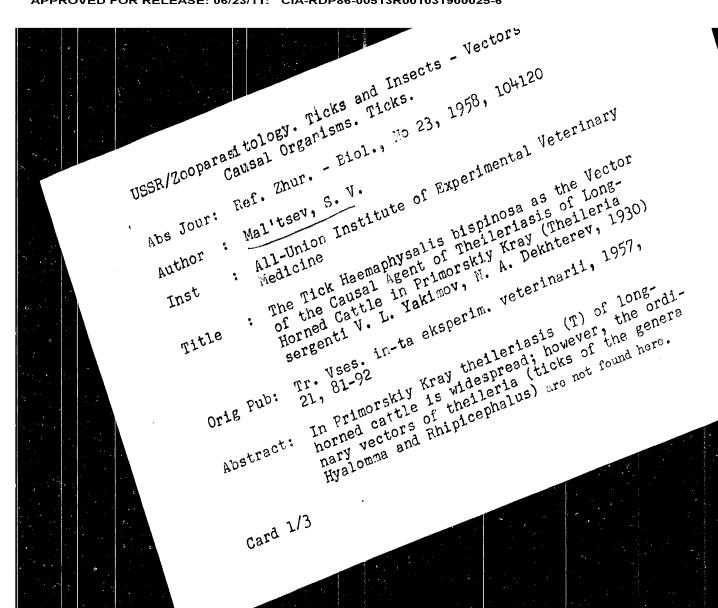
H. bispinosa females taken from cows afflicted with T were put on a healthy steer an experimental infection of the latter with T was produced, but the disease had a mild course. 200 duced, but the disease had a mild course. 200 nymphs which had fed on a sick animal in the nymphs stage and which were put on a healthy larval stage and which were put on a healthy steer produced a severe form of T in the latter which terminated in the death of the animal. It was established by experiments that H. It was established by experiments that H. It was established by experiments that H. It was established by experiments are susceptible to the infection, but the nymphs and imago to the infection, but the nymphs and imago transmit it. The infection was not transmitted transovarially. This is the first time mitted transovarially. This is the first time the transfoer of theileriasis.

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6



MALITSEV, S. V.

USSR/Medicine - Leptospirosis

FD-553

Card 1/1

Pub. 148 - 16/23

Author

: Vysotskiy, B.V.; Mal'tsev, S.V.; and Reb'kina, V.G.

Title

: Agricultural animals - a reservoir of a new serological type of

Leptospirae

Periodical

Zhur. mikrobiol. epid. i immun. 6, 49-51, June 54

Abstract

Serological examination of cattle revealed the extensive occurence of leptospirosis infection among them, caused by a new serological type of

leptospirae, LP-183, which is similar to L.hebdomadis and L.nero. Cultures of type P-183 Leptospirae were also isolated from the blood of jaundiced suckling pigs. Rodents trapped in the vicinity of the diseased animals were found to be free of Leptospirae. Serological types I,II, III, IV,VI, and P-183 were used in the examinations. The results of the investigations are presented on two charts. No references are cited.

Institution

Primorskiy Institute of Epidemiology, Microbiology, and Hygiene

Submitted

: November 12, 1953

GUBIN, V.N., inzh. (stantsiya Moskovka, Omskaya doroga); MAL'TSEV.
S.S., mashinist elektrovoza (stantsiya Moskovka, Omskaya doroga)

More information pertaining to the emergency circuits for electric locomotives. Blek.i tepl.tiaga 3 no.11:41-42 N 159. (MIRA 13:3)

(Blectric locomotives)

MAL'TSEV, S.S., mashinist elektrovoza. Operational practice of electric locomotive engineer. Elek. i tepl. tiaga no.6:43-44 Je 158. (MIRA 11:6) 1.Depo Moskovka, Omskaya doroga. (Electric locomotives)

MAL'TSEV, S.M.; BAZHENOV, V.P.

Work practices of the Krasnokamsk Petroleum Refinery. Bezop.
truda v prom. 8 no.11:27-28 N '64.

1. Glavnyy inzh. Krasnokamskogo neftspererabatyvsyushchego
zavoda (for Mal'tsev). 2. Uchastkovyy inspektor Permskogo okouga
Gosudarstvennogo komiteta pri Sovete Ministrev ROFSR po nadzoru
za bezopasnym vedeniyem rabot v promyahlennosti i gornomu
nadzoru (for Bazhenov).

MAL'TSEV, S. Estimate of expenditures based on the work as a whole. Stroitel' 8 no.11:10-11 N '62. (MIRA 16:1) (Building-Details) 2

CIA-RDP86-00513R001031900025-6 REMBICHENS, Mana MAI PISEV. Behat Plubing Layer was some of failuse and ways of it were as ine etability Opportuging 50 model 53 38 165. (MTRA 1801) 2. Prohochagy Cost to be exercise 120.

BARCHENKOV, A.G.; DEMKOV, Ye.A.; MAL'TSEV, R.I.; TUROVSKIY, L.M. (Voronezh) Free vibrations of some frame-cantilever systems. Stroi. mekh. (MIRA 16:1) i rasch. soor. 4 no.6:44-49 '62. (Vibration)

Painting Chambers with Lower Suction

SOV-113-58-8-11/21

the improvements of the atomizer painting chambers is the use of a plain water screen at the front wall of the hydraulic filter, where a continuous water current removes the paint dust. This system lowers fire-danger. Such a chamber is in service at the Novo-Khovrinskiy zavod Mossel mash (Novo-Khovrinsk "Mossel mash" Plant). The specific labor efficiency of the "ZIL" type atomizer painting chambers attains 200 sq. m/hour of the painted area. There are 3 diagrams, 1 table and 3 Soviet references.

ASSOCIATION:

Mytishchinskiy mashino-stroitel'nyy zavod (The Mytishchi Machine Building Plant)

- 1. Automobile industry--USSR 2. Paint--Applications
- 3. Paint sprayers--Applications

Card 2/2

SOV-113-58-8-11/21 Rossin, L.S. and Mal'tsev, P.Yo. AUTHORS: Painting Chambers with Lower Suction (Okrasochnyye kamery TITLE: s nizhnim otsosom) Avtomobil'naya promyshlennost', 1958, Nr 8, pp 34-37 (USSR) PERIODICAL: In 1956-1957, different types of atomizer painting chambers with lower suction were built by the Mytishchinskiy mashino-ABSTRACT: stroitel nyy zavod (Mytishchi Machine Building Plant) according to the plans of the "Giproavtoprom". The new chambers have hydraulic filters and pumps with electric motors located below the floor level in foundation pits of 600 to 1,500 mm depth. One type of chamber is used for laying the first coat and painting dump trucks suspended on the continuously operating chain conveyer. Another type is used for painting "ZIL-164 G" type chassis. In 1957, the "Giproavtoprom" worked out a chamber for repainting trucks (fig 3) for the Ural'skiy avtozavod (Ural Automobile Plant). The design of this chamber is based on designs worked out by the Moscow Automobile Plant imeni Likhachev and the Mytishchi Machine Building Plant. There are also electric painting chambers, which are used only for mass production. One of Card 1/2

RDP86-00513R001031900025-6

MAL'ISEV, P.V.; BELOUSOVA, T.K. Manifestations of hepatic rickets in an adolescent with liver (MIRA 17:1) cirrhosis. Pediatriia 42 no.6:69-71 Je'63 1. Iz kafedry detskikh bolezney ( zav. - prof. V.P.Bisyarina) Omskogo meditsinskogo instituta imeni M.I.Kalinina.

MALITSEV, F.V., kand.tekhn.nauk, dotsent Unsafe residual-stressed state in a point of an elastic solid.

Trudy MIIT no.131:160-167 '61. (MIRA 14:5)

(Strains and stresses) APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

SOV/124-57 8-9813

A "Deformometer" for Measuring Radial and Total Stresses

that of the Maggenberger tensometer. With this device drilling and measuring are performed simultaneously. An enlargement scale of 10,000m and a hole diameter of 6.3 mm have been adopted and are recommended for use. The drilling of the hole should be done with a low speed electric drill with a sharp bit. To eliminate the effect of local residual deformations occurring under the action of the drillited thrust the use of a backing support on the underside of the specimen may be helpful during the process of drilling. The recording of the instrument's readings is made before the start of the drilling and subsequently, for the purpose of inspecting the performance of the instrument, at every 1.2 mm of the drill's depression as well as upon the completion of the drilling. Only the initial and final readings however, are used in processing the data. In thick metal the drilling is stopped at that depth at which the increment in the instrument's readings goes to zero.

Card 2/2

SOV/124-57-8-9813

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 8, p 167 (USSR)

Malitsev, P. V. AUTHOR:

A "Deformometer" for Measuring Residual and Total Stresses (Deform-TITLE:

ometr dlya izmereniya ostatochnykh i summarnykh napryazheniy)

Tr. Mosk, in-ta inzh. zh.-d. transp., 1956, Nr 85/6, pp 42-49 PERIODICAL:

A "deformometer" was developed and used for the experimental determination of the values of residual and total stresses by the ABSTRACT:

drilling method (see Yevgrafov, G. K., Mal'tsev, P.V., Osipov, V.O. Tr. Mosk. in-ta inzh. zh.-d. transp., 1956, Nr 85/6, pp 5 - 28). The instrument is designed for measuring the deformations occurring as a result of the combined action of residual and total stresses as well as those resulting from either of these stresses taken separately. The measurement of the deformations is done simultaneously over three radii near an opening 6-12 mm in diameter. The setting up of the instrument requires not more than 10 to 15 minutes. The descriptive characteristics of the latest model of the instrument are as follows: Height 100 mm, length 85 mm, width 12 mm, weight 15 g, base length

3, 5, and 10 mm, enlargement 8000 · 10,000x. Its weight is 3.5 times Card 1/2

MALITSEV P.V. kandidat tekhnicheskikh nauk; OSIPOV, V.O., inzhener; POPOV, S.A., kandidat tekhnicheskikh nauk. New design for standard test piles having rubber chambers. Trudy (MLRA 9:10 MIIT no.85/86:29-41 156. (MLRA 9:10) (Piling (Civil engineering))

YEVGRAFOV, G.K., doktor tekhnicheskikh nauk, professor; MAL'TSEV, P.V., kandidat tekhnicheskikh nauk; OSIPOV, V.O., inzhener.

Effect of external loading and yield point of a joint on the magnitude of residual stresses in H-shaped welded elements.

Trudy MIIT no.85/86:5-28 156. (MLRA 9:10)

(Girders--Welding) (Strains and stresses)

CIA-RDP86-00513R001031900025-6 MALITSEV, Fetr Mikhaylovich, prof., doktor tekhn. nauk; ZHRHOV, V.A., prof., tettenzent; Kruchlull, V.F., inzh., retsenzent; Kruchove, G.I., red. [Technology of mait and beer; special course] Tekhno. logija soloda i piva; spetejal'nyi kore. Moskva, Pi-shchevaja promyshlemost', 1964. 858 p. (MIRA 18:1)

TUKTAYEV, Igor' Ezmaylovich, inzh.; MAL'TSEV, Pavel Timofeyevich, starshly prepodavatel Effect of certain mechanical factors on the operation of a slide contact. Izv. vys. ucheb. zav.; elektromekh. 5 no.7: (MIRA 15:10) 824-834 <del>\*6</del>2. 1. Tomskiy politekhnicheskiy institut (for Tuktayev). 2. Kafedra prikladnov mekhaniki Tomskogo politekhnicheskogo instituta (for Mal'tsev). (Brushes, Electric) (Electric machinery)

APPROVED FOR RELEASE: 06/23/11: \_ CIA-RDP86-00513R001031900025-6

SOV/144-59-5-13/14

An Installation for the Displacement of a Betatron Electromagnet

The magnet is raised or lowered (Figure 1) with the aid of motor driven screws 1. It may be rotated with the aid of another motor driven screw 7, and displaced in a horizontal direction on a pair of rails on which the wheels 14 run. The maximum vertical displacement is 1000 mm and the displacement can be carried out at the rate of 0.36 m/min. The maximum angular displacement of the electromagnet is and the maximum horizontal displacement is unlimited. The rate of the angular displacement is 0.124 - 0.106 rev/min and the rate of the horizontal displacement is 0.55 m/min. The weight of the installation is 3.5 tons. There are 2 figures and 5 references, of which 3 are English, 1 is German and 1 is Soviet.

ASSOCITATION: Kafedra prikladnoy mekhaniki, Tomskiy politekhnicheskiy institut (Chair of Applied Mechanics, Tomsk Polytechnical Institute)

Card 2/2

PROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

SOV/144-59-5-13/14

AUTHORS: Derguga, I.F., Assistant, Kovylin, Yu.Ya., Senior Tecturer, Mal'tsev, P.T., Senior Lecturer, Murin, A.V., Assistant, Burkov, G.V., Assistant, Titov, V.M., Candidate of Technical Sciences, Docont, Ehalyavin, A.I., Senior Lecturer.

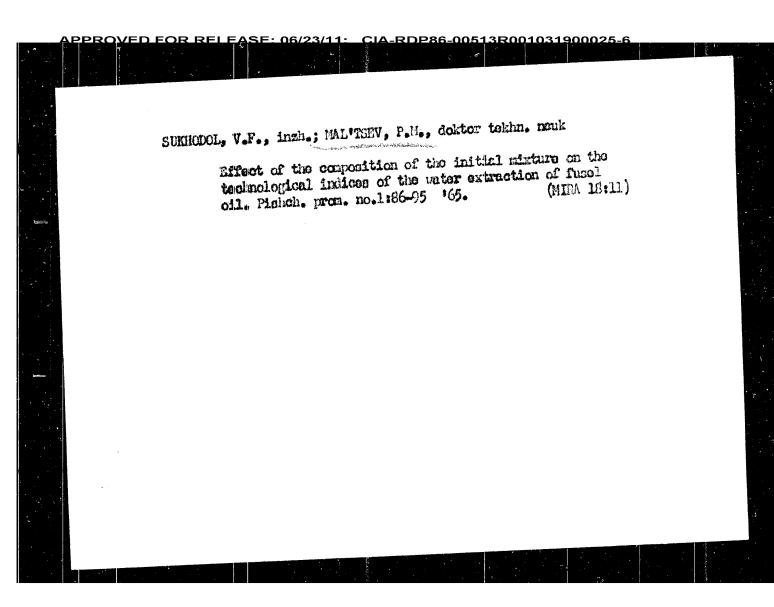
TITE: An Installation for the Displacement of a Betatron Electromagnet

PERTODICAL: Izvestiya vyushikh uchebnykh zavedeniy, Elektro-·mekhanika, 1959, Nr 5, pp 110 - 113 (UBSR)

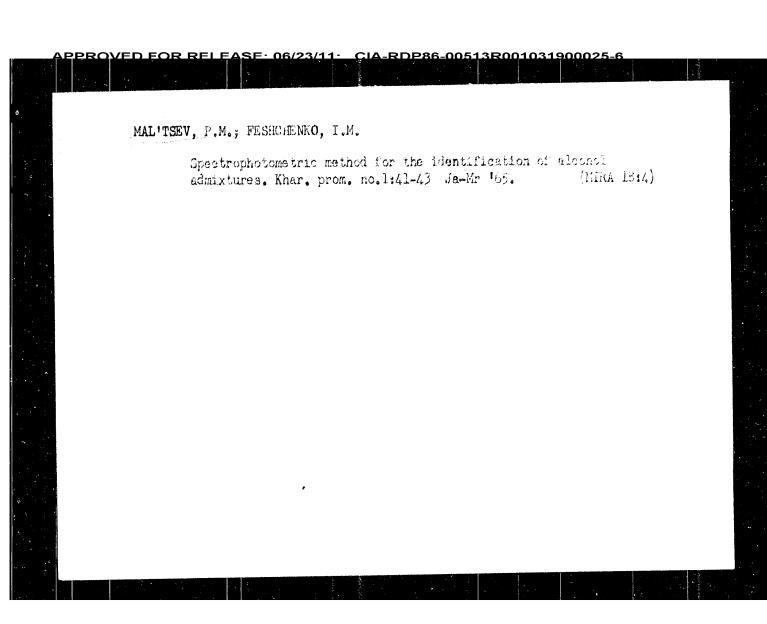
ADSTRACT: In practice it is often necessary to displace the betatron electromagnet both in the vertical and horizontal direction, and also to carry out a rotation about a horizontal axis.

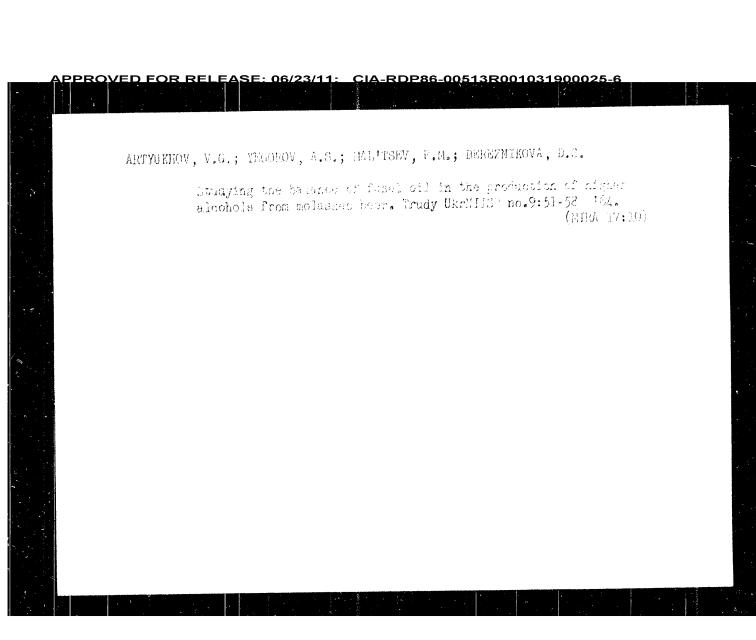
The authors state that Western literature (Refs 1 - 4) the authors state that Western literature (arise carried does not give sufficient detail of how this is carried out. The Tomsk Polytechnical Institute has therefore out. The Tomsk Polytechnical Institute has therefore designed and built an installation which may be used to displace the betatron electromagnet in the above way.

PPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6 SHVETS, V.N., inwhe; MALTSEV, P.M., doktor teklow probs VELSKAYA, Ye.T., kend. tekkn. revk Propagation of coloring malt from dry and green pults, include prom. no.2:83-86 165. 1. Klyevekiy tekhnologicheskiy institut mish she yoy pooks, his onosti.



CIA-RDP86-00513R001031900025-6 SHVETS, V.N., inzh.; MALITERY, P.M., doktor tekhn. nauk; VELIKAYA, Ye.I., kand. tekhn. nauk Selecting the method and optimum conditions of the accumulation of melanoid reaction components in pale barley malt. Pishch. prom. no.1:74-79 165. (MTRA 18:11)





SUKHODOL, V.F.; MAL'TSEV, F.M. More accurate method for determining fusel oil content. fam. (.IRA 17:10) i spirt. prom. 30 ne.5:20-22 '64. 1. Kiyevakiy tokhaologichcakiy iqatitut alahehevey progradenmesti im. likoyana.

CIA-RDP86-00513R001031900025-6 KOLOTUSHA, P.V.; MAL'TSEV, P.M. Role of the amino acids of malt shoots in the melanoidin reaction. Izv. vys. ucheb. zav.; pishch. tekh. no.6:70-72 (MIRA 17:3) 163. 1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra tekhnologii brodil'nykh proizvodstv.

KOLOTUSHA, P.V.; MAL'TSEV, P.M. Melanoidinic preparations from malt shoots. Izv.v/s.ucheb.zav.: pishch.tekh. no.4:89-93 '62. (MIRA 15.11) pishch.tekh. no.4:39-93 '62. 1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti, kafedra tekhnologii brodil'nykh proizvodstv. (Brewing) (Melanoids)

RDP86-00513R001031900025-6 MAL'TSEV, P.M., VELIKAYA, Ye.I. Scientific work of the Department of the Technology of Fermentation Products of the Kiev Technological Institute of Food Industry. (MIRA 15:6) Trudy KTIPP no.24;181-190 161. (Kiev--Food industry)

CIA-RDP86-00513R001031900025-6 VELIKAYA, Ye,I.; MAL'TSEV, P.M. Effect of the methods of the processing of kieselguhr from the Kirovograd deposit on its chemical composition. Trudy KTIPP (MIRA 15:6) no .24:156-158 61. (Kirovograd Province-Diatomaceous earth)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6

SUKHODOL, V.F.; MAL'TSEV, P.M.

Study of the equilibrium of two liquid phases in the system fusel oil - ethyl alcohol - water. Izv. vys. ucheb. zav.; fishch. tekh. no. 2:114-122 61. (MIRA 14:5)

l. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. Kafedra tekhnologii brodil'nykh proizvodstv.

(Fusel oil) (Ethyl alcohol) (Phase rule and equilibrium) MALITSEV, Petr Mikhaylovich, prof., doktor tekhn.nauk; VESELOV, I.Ya., prof., retsenzent; SMIRNOV, V.A., prof., retsenzent; KRUGLOVA, G.I., red.; KISINA, Ye.I., tekhn.red. [Technology of the fermentation industries; a general course] Tekhnologiia brodil'nykh proizvodstv; obshchii kurs. Moskva, Pishchepromizdat, 1960. 522 p. (MIRA 13:7) (Fermentation)

<u> APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6</u> SUKHODOL, V.F.; MAL'TSEV, P.M. Mutual solubility of the components in the system isobutanolethanol - we ter at 20 C. Izv.vys.ucheb.zav.; pishch.tekh. no.5: 149-156 '59. (MIRA 13:4) 1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti kafedra tekhnologii brodil'nykh proizvodstv. (Alcohols)

## MAL'TSEV, P.M.; ZHEREBTSOV, N.A. Inactivation and increase in the stability of amylases during fermentation. Izv.vys.ucheb.zav.; pishch.tekh. no.2:61-67 159. (MIRA 12:8) 1. Kiyevskiy tekhnologicheskiy institut pishchevoy promyshlennosti. (Fermentation) (Amylase)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900025-6 MAL'TSEV, P.M.; SUKHODOL, V.F. Twenty-fourth scientific conference of the Kiev Technological Institute of the Food Industry. Spirt. prom. 24 no. 4:46 58. (MIRA 11:7) (Distilling industries--Congresses)

CIA-RDP86-00513R001031900025-6 SUKHODOL, V.F.; MALITSEV, P.M. Kucherov's method for quantitative detection of isobutyl alcohol in an isobutanol-ethanol-water mixture. Trudy KTIPP no.19:65-74 (Isobutyl alcohol) (Distillation) 158.

MAL'TSHY, P.M. Achievements in the fermentation industry of the U.S.S.R. during the past 40 years. Izv. vys. ucheb. zav.; pishch. tekh. no.1:5-13 (MIRA 11:8) 1. Kiyevskiy tekhnologicheskiy institut pishchevcy promyshlennosti, Kafedra tekhnologii brodil nykh preizvodstv. (Fermentation)

FEDOROV, P.D.; STABNIKOV, V.N.; GLYBIN, I.P.; BELYAVSKIY, V.V.; BOYCHENKO, N.G.; BUZYKIN, N.A.; GOLOVIN, P.V.; DEMCHUK, A.P.; ZHURA, K.D.; KORCHINSKIY, A.I.; KURILENKO, O.D.; KLIMKO, N.G.; LITVAK, I.M.; MAL'TSEV, P.M.; NIKOLAYCHUK, I.M.; NAUMOV, A.L.; POPOV, V.D.; RED'KO, F.A.; SKOBLO, D.I.; KHRISTENKO, M.M.; TSYGANKOV, P.S.; SHLIPCHENKO, Z.S.; SHVETSOV, P.D.

Gleb Mikhailovich Znamenskii; obituary. Sakh. prom. 31 no.12:68
D'57. (MIRA 11:1)

(Znamenskii, Gleb Mikhailovich, 1901-1957)